L Number	Hits	Search Text	DB	Time stamp
1	0	("9973015").PN.	US-PGPUB	2003/08/07 17:42
2	0	"09973015"	US-PGPUB	2003/08/07 17:43
3	1	"20020145069"	US-PGPUB	2003/08/07 17:43
4	7425	(spool or bobbin or canister or winding).ti.	USPAT	2003/08/07 17:48
5	95638	remov$3 near3 (pad or layer)	USPAT	2003/08/07 17:49
6	59	((spool or bobbin or canister or winding).ti.) and (remov$3 near3 (pad or layer))	USPAT	2003/08/07 17:50
7	18708	rereel$3 or rewind$3	USPAT	2003/08/07 17:50
8	2	(((spool or bobbin or canister or winding).ti.) and (remov$3 near3 (pad or layer))) and (rereel$3 or rewind$3)	USPAT	2003/08/07 18:02
9	2701	(winding or reeling) with removing	USPAT	2003/08/07 18:05
10	2650	(winding) with removing	USPAT	2003/08/07 18:03
11	489	((spool or bobbin or canister or winding).ti.) and ((winding or reeling) with removing)	USPAT	2003/08/07 18:04
12	39	(winding or reeling) with (removing near2 (pad or layer))	USPAT	2003/08/07 18:18
13	1054	(wind$3 or reel$3) with (remov$3 near2 (pad or layer))	USPAT	2003/08/07 18:18
14	1023	((wind$3 or reel$3) with (remov$3 near2 (pad or layer))) not ((winding or reeling) with (removing near2 (pad or layer)))	USPAT	2003/08/07 18:19
15	9	((spool or bobbin or canister or winding).ti.) and (((wind$3 or reel$3) with (remov$3 near2 (pad or layer))) not ((winding or reeling) with (removing near2 (pad or layer))))	USPAT	2003/08/07 18:48
16	451	efl	USPAT	2003/08/07 18:56
17	50	efl and fiber	USPAT	2003/08/07 18:48
18	15	efl with fiber	USPAT	2003/08/07 18:49
19	4	4983333.URPN.	USPAT	2003/08/07 18:53
20	9	efl and (excess near fiber near length)	USPAT	2003/08/07 18:57
21	537	efl or(excess near fiber near length)	USPAT	2003/08/07 18:57
22	0	((wind$3 or reel$3) with (remov$3 near2 (pad or layer))) and (efl or(excess near fiber near length))	USPAT	2003/08/07 18:57
23	13	correct near5 efl	USPAT	2003/08/07 18:58
24	19	efl.ti,ab.	USPAT	2003/08/07 18:59
25	3	(efl and (excess near fiber near length)) and efl.ti,ab.	USPAT	2003/08/07 18:59
26	27397	winding.ti,ab.	USPAT	2003/08/07 19:00
27	4698	winding.ti.	USPAT	2003/08/07 19:00
28	1247	spool.ti.	USPAT	2003/08/07 19:00
31	0	242/$5.ccls. and (buffer near pad)	USPAT	2003/08/07 19:00
32	55464	242/$5.ccls.	USPAT	2003/08/07 19:00
33	519	buffer near pad	USPAT	2003/08/07 19:00
34	0	242/$5.ccls. and (buffer near pad)	USPAT	2003/08/07 19:00
35	9653	buffer near layer	USPAT	2003/08/07 19:00
44	7425	(spool or bobbin or canister or winding).ti.	USPAT	2003/08/07 19:00
45	18081	varying near3 (speed or tension)	USPAT	2003/08/07 19:00
46	15995	changing near3 (speed or tension)	USPAT	2003/08/07 19:00
47	181	((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))	USPAT	2003/08/07 19:00
48	166	((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension))	USPAT	2003/08/07 19:00
49	313	(((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))	USPAT	2003/08/07 19:00

50	0	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and (buffer near3 pad)	USPAT	2003/08/07 19:00
52	89	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and (layer)	USPAT	2003/08/07 19:00
56	1	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and (adhesive near layer)	USPAT	2003/08/07 19:01
57	2	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and (base near layer)	USPAT	2003/08/07 19:01
60	0	("(optic$3near3fiber).ti.").PN.	USPAT	2003/08/07 19:01
61	0	(optic$3near3fiber).ti.	USPAT	2003/08/07 19:01
62	9319	(optic$3 near3 fiber).ti.	USPAT	2003/08/07 19:01
64	19537	(optic$3 near3 fiber).ti,ab.	USPAT	2003/08/07 19:01
68	26	(("3331568" | "3677483" | "3966133" | "4083506" | "4232838" | "4383653" | "4519198" | "4685190" | "4752043" | "4969711" | "5046673" | "5277373" | "5475887" | "6027062").PN.) or 4752043.URPN.	USPAT	2003/08/07 19:01
69	9386	angular near3 speed	USPAT	2003/08/07 19:01
70	21250	angular near3 velocity	USPAT	2003/08/07 19:03
73	2766	varying near3 angular	USPAT	2003/08/07 19:03
75	1	varying near5 (angular near3 speed) with winding	USPAT	2003/08/07 19:03
76	2	changing near5 (angular near3 speed) with winding	USPAT	2003/08/07 19:03
78	0	varying near5 (angular near3 speed) with (spool or bobbin or canister)	USPAT	2003/08/07 19:03
29	58	winding.ti. and spool.ti.	USPAT	2003/08/07 19:03
30	4	5071082.URPN.	USPAT	2003/08/07 19:03
36	10	242/$5.ccls. and (buffer near layer)	USPAT	2003/08/07 19:03
37	1	5211789.URPN.	USPAT	2003/08/07 19:03
38	4	("4746080" | "5029960" | "5067665" | "5211789").PN.	USPAT	2003/08/07 19:03
39	5	("1570534" | "2204938" | "2633629" | "2954702" | "4034932").PN.	USPAT	2003/08/07 19:03
40	6	5067665.URPN.	USPAT	2003/08/07 19:03
41	1	6137940.URPN.	USPAT	2003/08/07 19:03
42	3	("5220632" | "5594829" | "5710853").PN.	USPAT	2003/08/07 19:03
43	9	5029960.URPN.	USPAT	2003/08/07 19:03
51	16	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and pad	USPAT	2003/08/07 19:03
53	84	(((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and (layer)) not (((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and pad)	USPAT	2003/08/07 19:03

54	2	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and (buffer)	USPAT	2003/08/07 19:03
55	10	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and cushion$4	USPAT	2003/08/07 19:03
58	3	((((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and (adhesive near layer)) or ((((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and (base near layer))	USPAT	2003/08/07 19:03
59	1	("5460333").PN.	USPAT	2003/08/07 19:03
63	1	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and ((optic$3 near3 fiber).ti.)	USPAT	2003/08/07 19:03
65	3	((((spool or bobbin or canister or winding).ti.) and (varying near3 (speed or tension))) or (((spool or bobbin or canister or winding).ti.) and (changing near3 (speed or tension)))) and ((optic$3 near3 fiber).ti,ab.)	USPAT	2003/08/07 19:03
66	14	("3331568" | "3677483" | "3966133" | "4083506" | "4232838" | "4383653" | "4519198" | "4685190" | "4752043" | "4969711" | "5046673" | "5277373" | "5475887" | "6027062").PN.	USPAT	2003/08/07 19:03
67	13	4752043.URPN.	USPAT	2003/08/07 19:03
71	1	((("3331568" | "3677483" | "3966133" | "4083506" | "4232838" | "4383653" | "4519198" | "4685190" | "4752043" | "4969711" | "5046673" | "5277373" | "5475887" | "6027062").PN.) or 4752043.URPN.) and (angular near3 velocity)	USPAT	2003/08/07 19:03
72	10	((("3331568" | "3677483" | "3966133" | "4083506" | "4232838" | "4383653" | "4519198" | "4685190" | "4752043" | "4969711" | "5046673" | "5277373" | "5475887" | "6027062").PN.) or 4752043.URPN.) and angular	USPAT	2003/08/07 19:03
74	19	((spool or bobbin or canister or winding).ti.) and (varying near3 angular)	USPAT	2003/08/07 19:03
77	3	(varying near5 (angular near3 speed) with winding) or (changing near5 (angular near3 speed) with winding)	USPAT	2003/08/07 19:03
79	2	changing near5 (angular near3 speed) with (spool or bobbin or canister)	USPAT	2003/08/07 19:03